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State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 7, 2015

Steve Schnoor
Kennecott Utah Copper LLC
4700 Daybreak Parkway
South Jordan, Utah 84095

Subject: Review of Concurrence Request for Soil Cleanup Levels, Kennecott Barneys Canyon Mining, Barneys Canyon Mine, M/035/0009, Salt Lake County, Utah

Dear Mr. Schnoor:

The Division of Oil, Gas and Mining (Division) has completed a review of the request for concurrence on soil cleanup levels which was received June 12, 2015. The attached comments will need to be addressed.

1. (lah) The Division requests optimization of the proposed action levels based on the spatial relationship and projected equipment to be used.
2. (lah) Additional data is needed on the sulphide stockpile characterization before clean up levels of the sulphide stockpile can be reviewed.
3. (lah) Further clarification is needed on the remedial efforts areas outside of the fence boundary.
4. (pnb) Provide more detail about the sampling methods, including explanation of why the sample depth varies. Additional information on sample mineralogy is requested, if available.
5. (pnb) Discuss the suitability of the relative bioaccessibility results in determining an average relative bioaccessibility value, given their variability.
6. (pnb) If institutional controls are to be part of the post-mining land use, they should be identified in the reclamation plan. Specifically address the access to the public.
7. (pnb) Per rule R647-4-110.4, provide a map showing the location of deleterious materials (e.g. reclaimed sulphide dumps and leach pads)

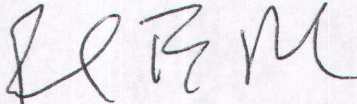
The Division anticipates that toxicologists from the Division of Environmental Response and Remediation will be reviewing and providing recommendations to the proposed action levels. The approval or acceptance of this response by the Division to the proposed action levels does not relieve an operator from his responsibility to comply with the applicable statutes, rules, regulations, and ordinances of all local, state and federal agencies with jurisdiction over any aspect of the operator's mining operations.



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The Division will suspend further review of the response to the Division Directive until your response to this letter is received. If you have any questions in this regard please contact me at 801-538-5261 or Leslie Heppler at 801-538-5257. Thank you for your cooperation in completing this permitting action.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. B. Baker'.

Paul B. Baker
Minerals Program Manager

PBB: lah: eb

cc: DEQ - dbaon@utah.gov, hmillican@utah.gov, bhamos@utah.gov, dhall@utah.gov, dallison@utah.gov,
EPA - fiedler.kerri@epa.gov

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